

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010891.D
 Acq On : 16 Jun 2020 05:00
 Operator : CG/JU
 Sample : L2989-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 16 05:39:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 11:09:46 2020
 Response via : Initial Calibration

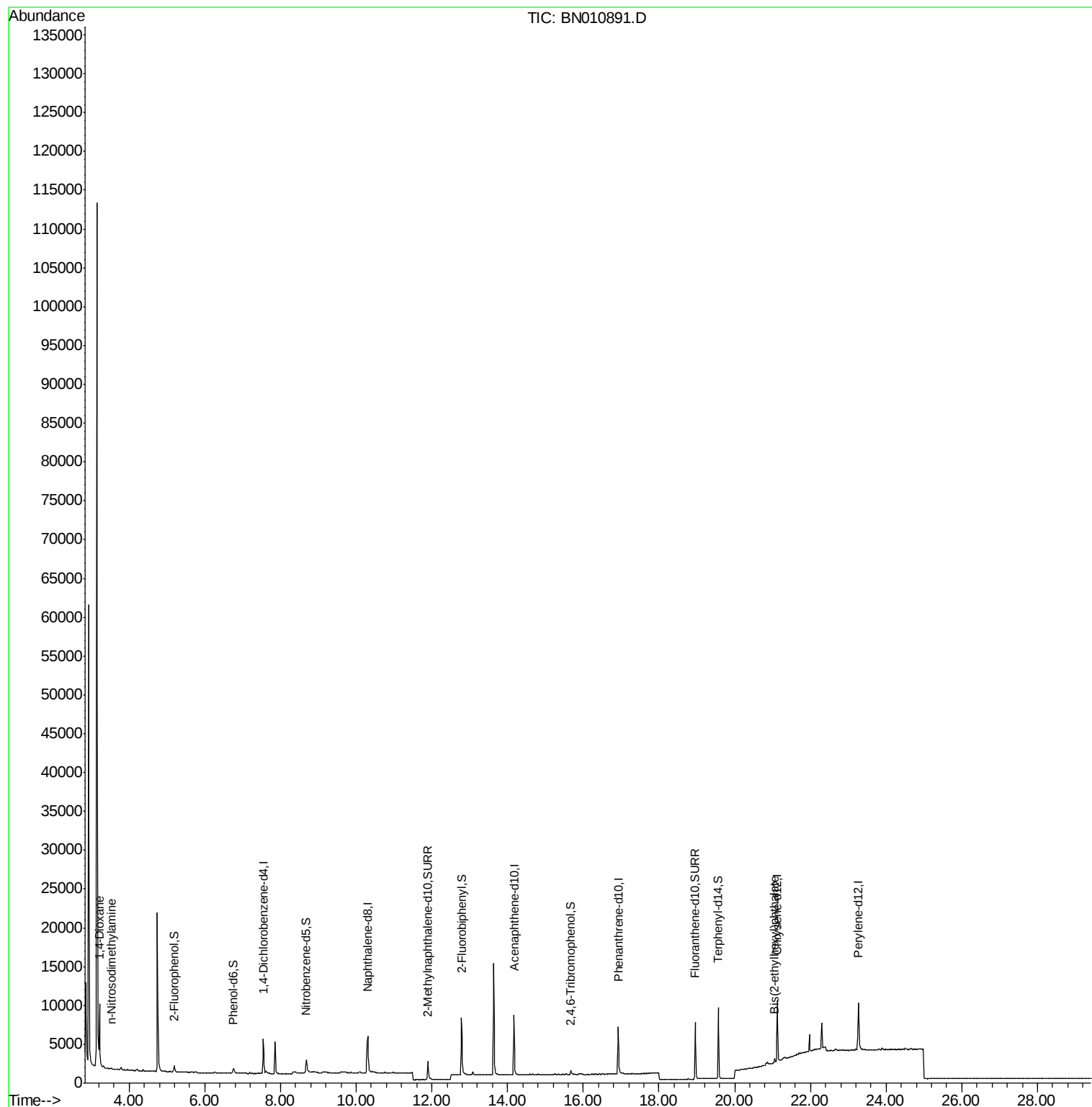
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2417	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	8344	0.40	ng	0.00
13) Acenaphthene-d10	14.17	164	4653	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	9177	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8537	0.40	ng	-0.01
34) Perylene-d12	23.27	264	8981	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	806	0.17	ng	0.00
5) Phenol-d6	6.74	99	534	0.10	ng	0.00
8) Nitrobenzene-d5	8.68	82	2249	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4183	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	517	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	7631	0.42	ng	0.00
25) Fluoranthene-d10	18.95	212	9415	0.37	ng	0.00
29) Terphenyl-d14	19.57	244	9735	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	6262	2.645	ng	Qvalue 98
3) n-Nitrosodimethylamine	3.54	42	54	0.039	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.06	149	593	0.071	ng	95

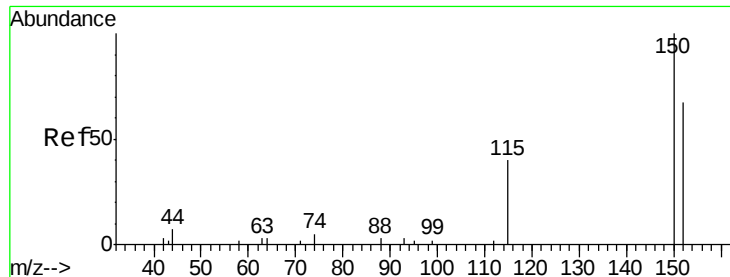
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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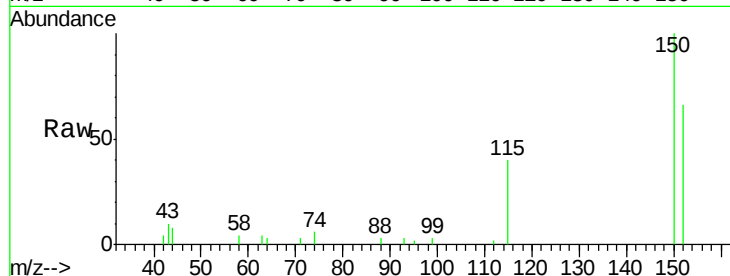


#1

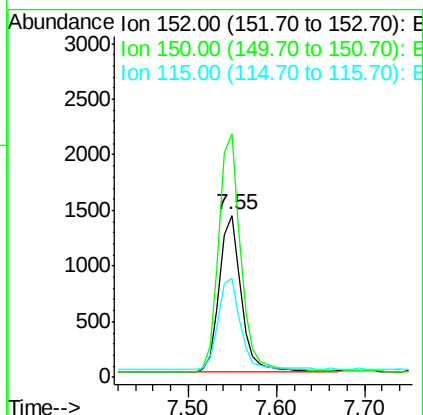
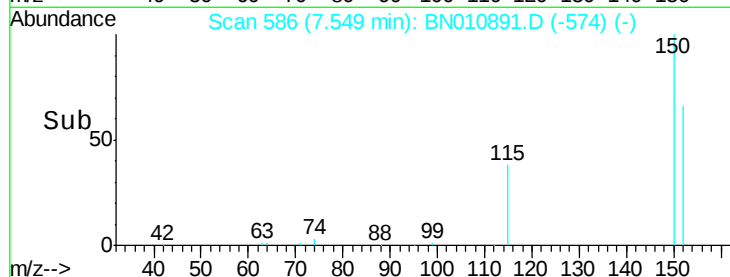
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010891.D
Acq: 16 Jun 2020 05:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2417
Ion Ratio Lower Upper
152 100
150 150.4 123.8 185.6
115 60.9 49.2 73.8



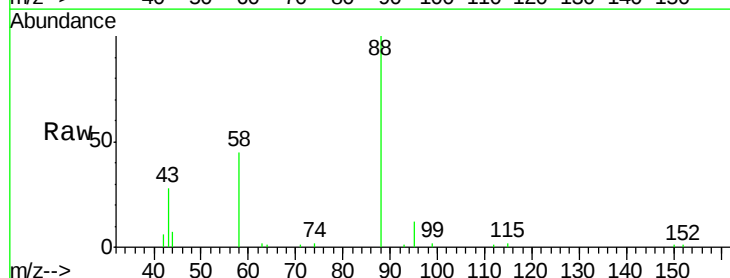
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



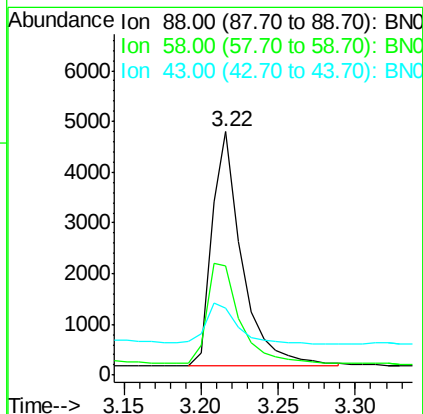
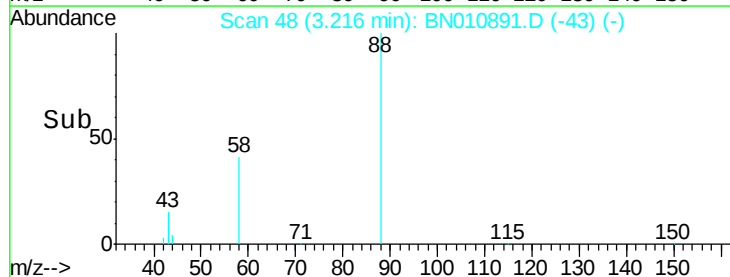
#2

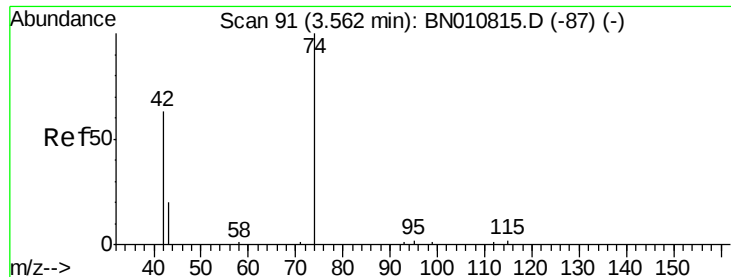
1,4-Dioxane
Concen: 2.645 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010891.D
Acq: 16 Jun 2020 05:00

Tgt Ion: 88 Resp: 6262
Ion Ratio Lower Upper
88 100
58 46.4 38.2 57.4
43 17.7 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.039 ng

RT: 3.54 min Scan# 88

Delta R.T. -0.01 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

Instrument :

BNA_N

ClientSampled :

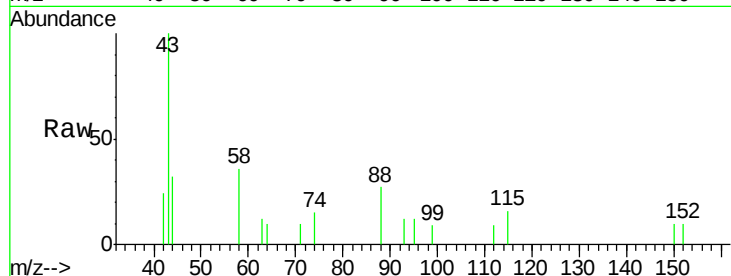
Tot Ion: 42 Resp: 54

Ion Ratio Lower Upper

42 100

74 0.0 140.7 211.1#

44 0.0 1.4 2.2#

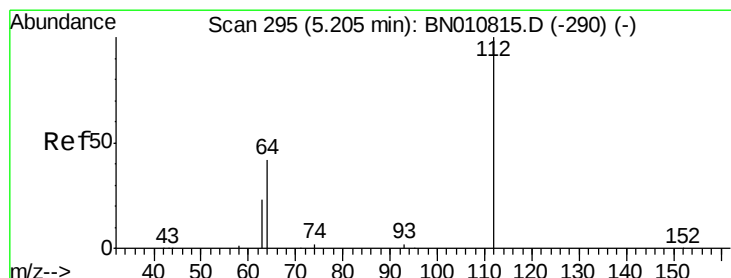
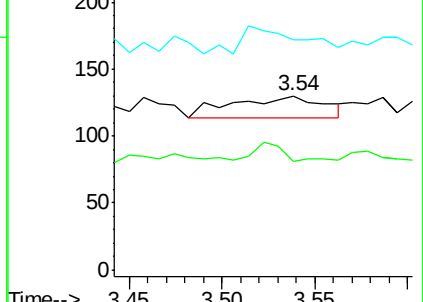
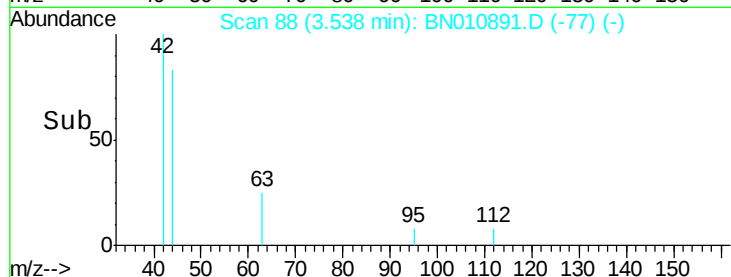


Abundance Ion 42.00 (41.70 to 42.70): BN010815.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN010815.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN010815.D (-87) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.173 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

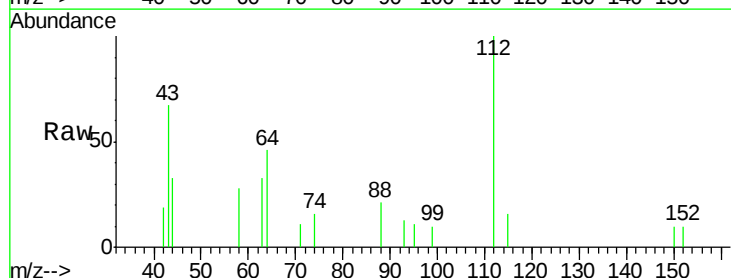
Tgt Ion: 112 Resp: 806

Ion Ratio Lower Upper

112 100

64 44.3 37.4 56.0

63 27.4 22.2 33.4

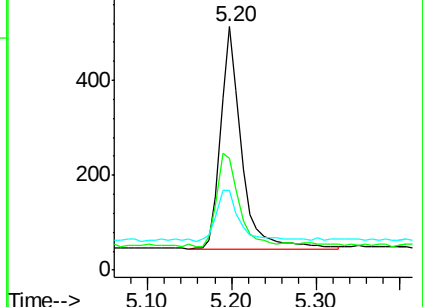
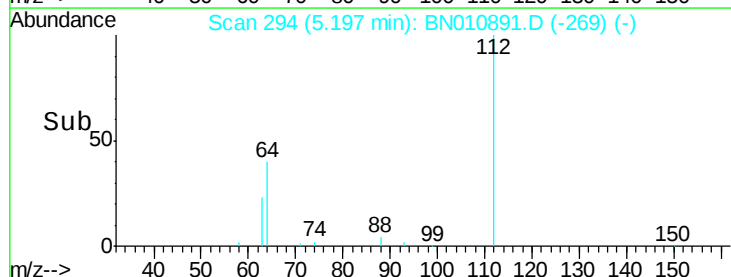


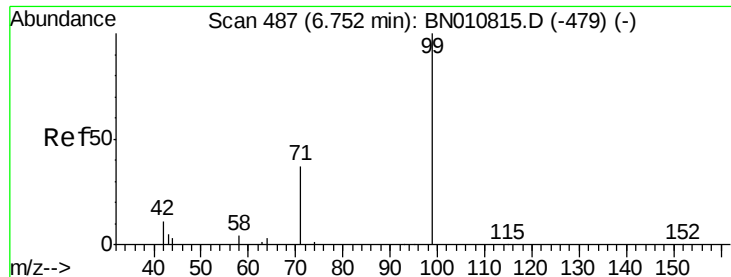
Abundance Ion 112.00 (111.70 to 112.70): BN010815.D (-290) (-)

Ion 64.00 (63.70 to 64.70): BN010815.D (-290) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-290) (-)

Time-->





#5

Phenol-d6

Concen: 0.097 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

Instrument :

BNA_N

ClientSampleId :

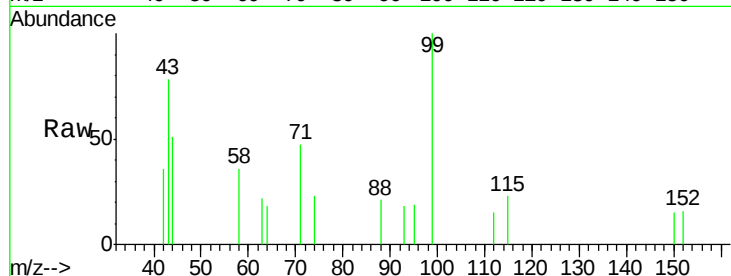
Tot Ion: 99 Resp: 534

Ion Ratio Lower Upper

99 100

42 16.1 11.1 16.7

71 42.1 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)

6.74

300

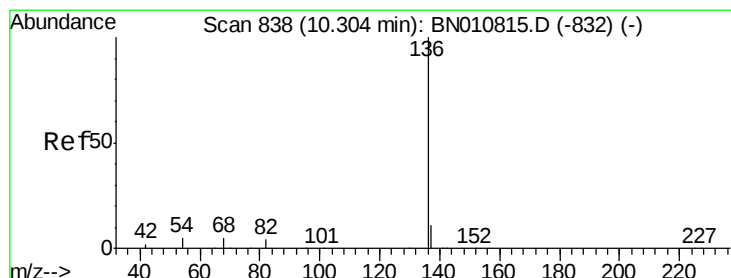
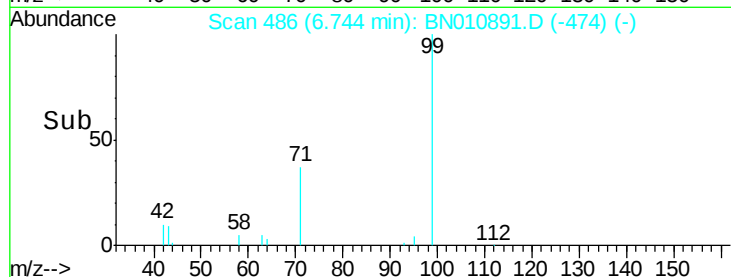
200

100

0

6.70 6.80

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

Tgt Ion: 136 Resp: 8344

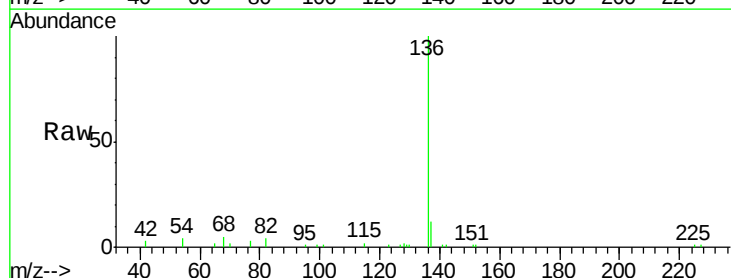
Ion Ratio Lower Upper

136 100

137 12.5 9.7 14.5

54 4.0 4.9 7.3#

68 4.6 4.7 7.1#



Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)

10.30

6000

5000

4000

3000

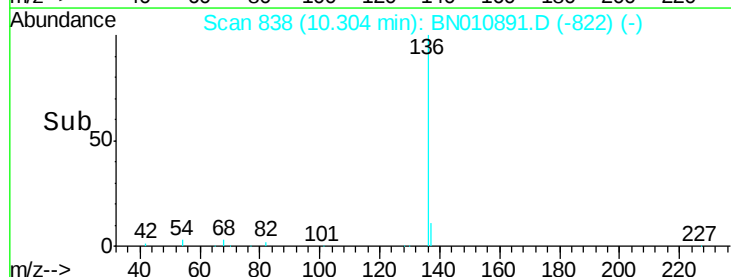
2000

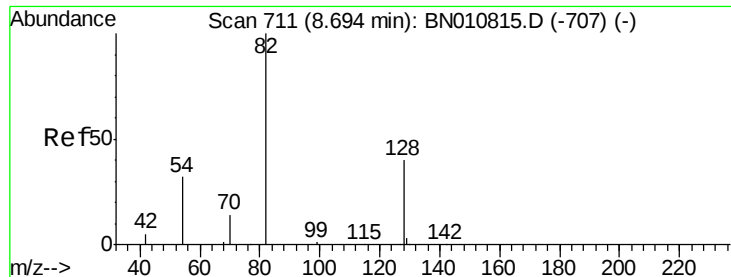
1000

0

10.20 10.30 10.40 10.50

Time-->

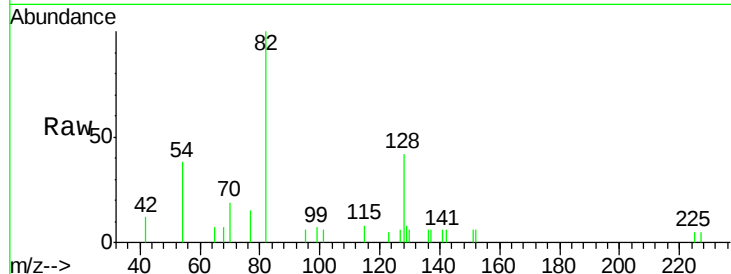




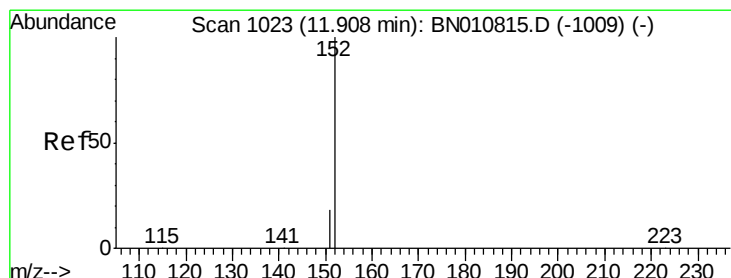
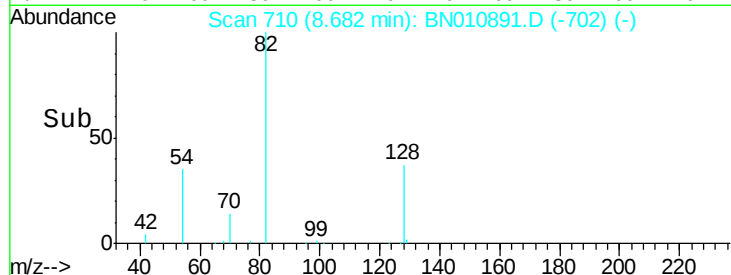
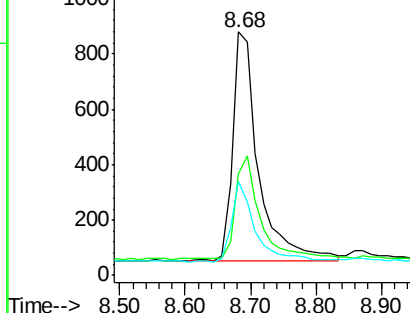
#8
 Nitrobenzene-d5
 Concen: 0.364 ng
 RT: 8.68 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BN010891.D
 Acq: 16 Jun 2020 05:00

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	82	Resp	2249
Ion Ratio	Lower	Upper	
82	100		
128	41.6	35.4	53.0
54	38.4	28.2	42.4

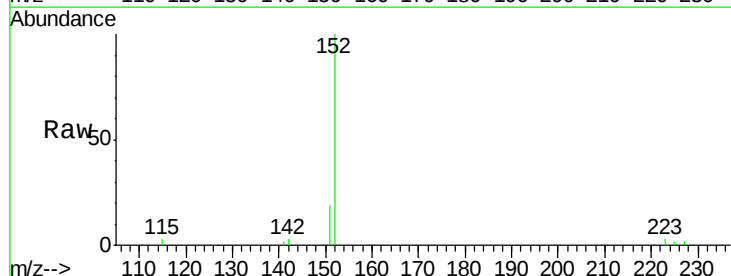


Abundance Ion 82.00 (81.70 to 82.70): BN010891.D (-707) (-)
 Ion 128.00 (127.70 to 128.70): BN010891.D (-707) (-)
 Ion 54.00 (53.70 to 54.70): BN010891.D (-707) (-)

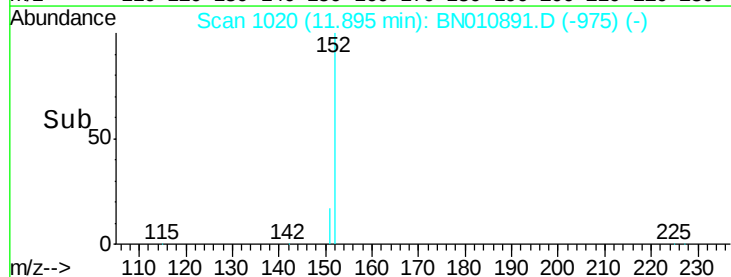
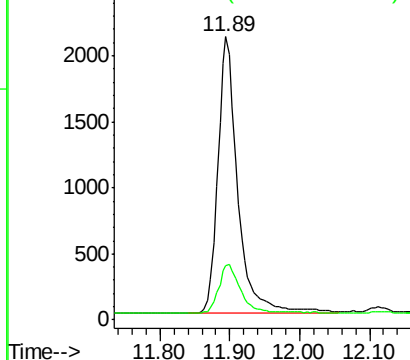


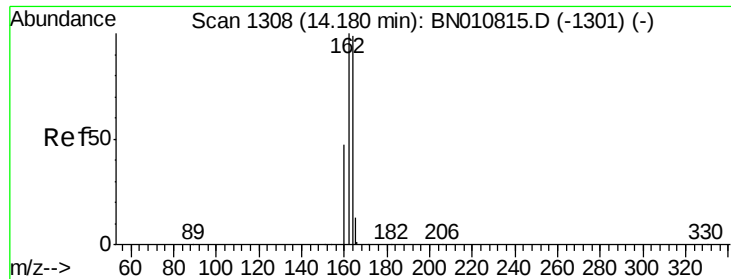
#11
 2-Methylnaphthalene-d10
 Concen: 0.323 ng
 RT: 11.89 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BN010891.D
 Acq: 16 Jun 2020 05:00

Tgt Ion	152	Resp	4183
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010891.D (-975) (-)
 Ion 151.00 (150.70 to 151.70): BN010891.D (-975) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

Instrument :

BNA_N

ClientSampleId :

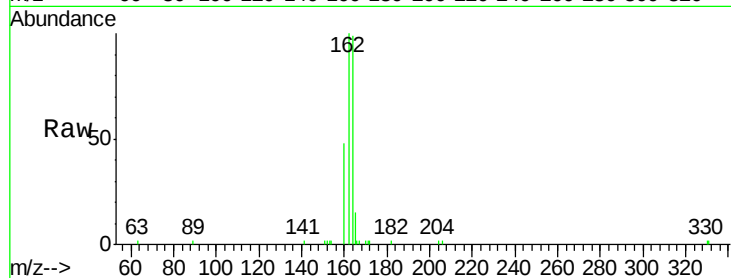
Tot Ion:164 Resp: 4653

Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.6

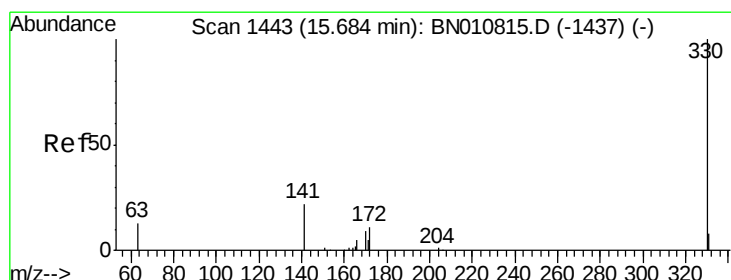
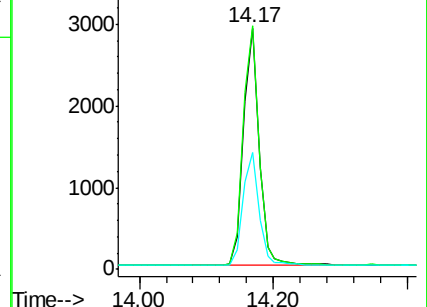
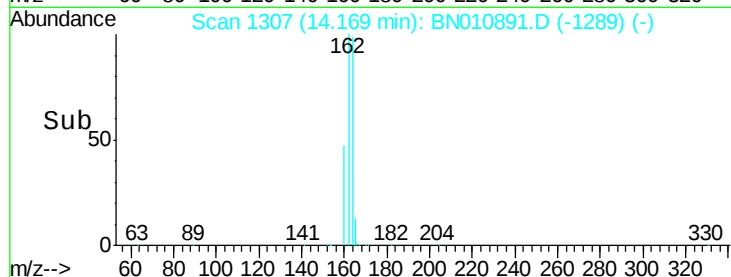
160 48.4 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.311 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

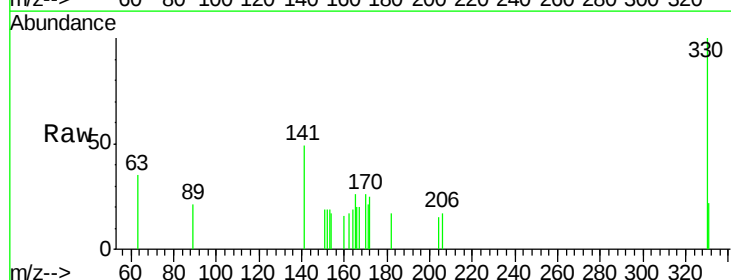
Tgt Ion:330 Resp: 517

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

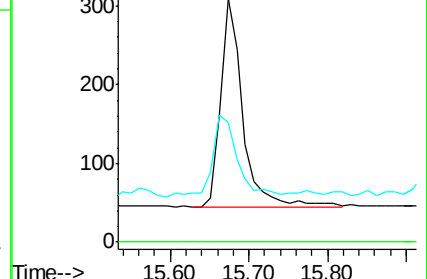
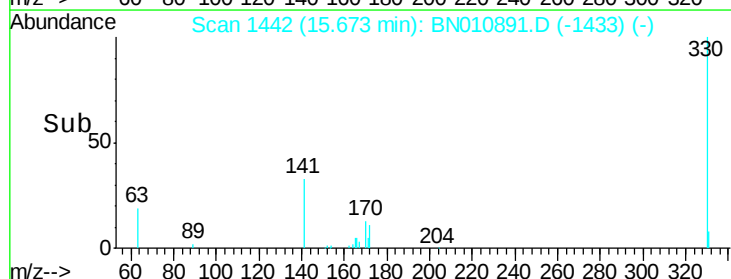
141 44.3 33.2 49.8

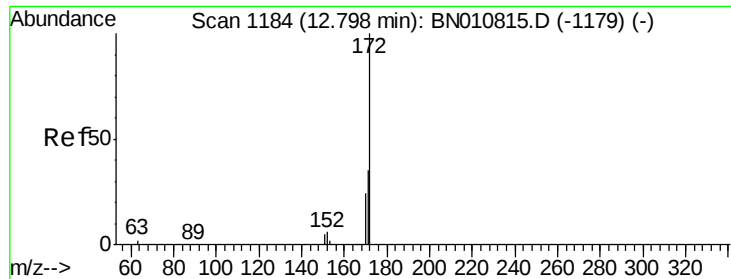


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

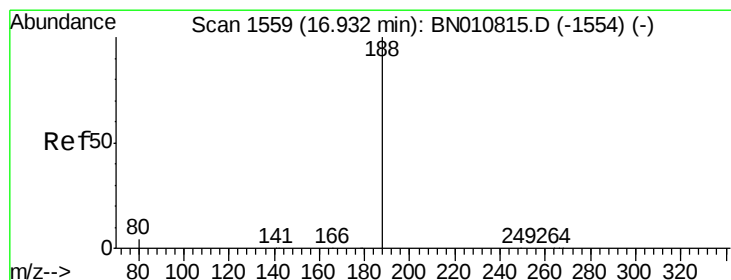
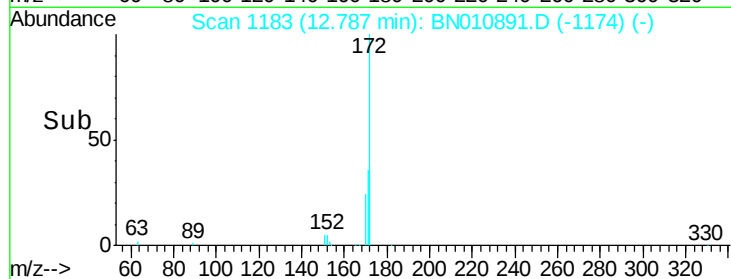
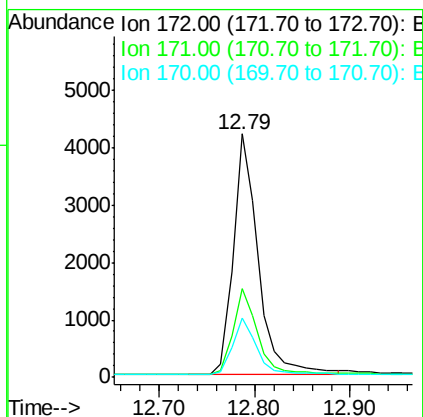
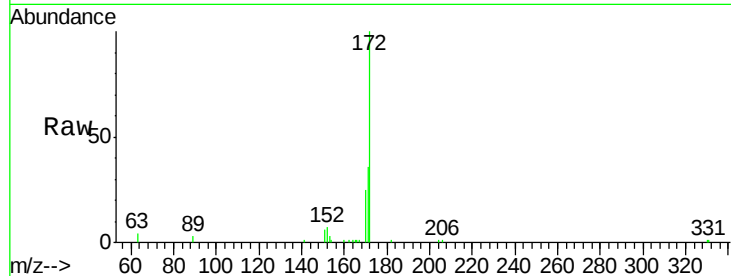




#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010891.D
Acq: 16 Jun 2020 05:00

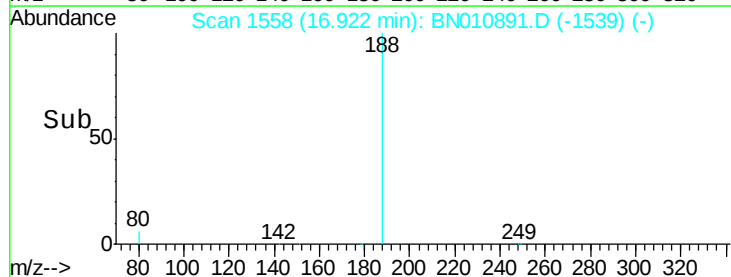
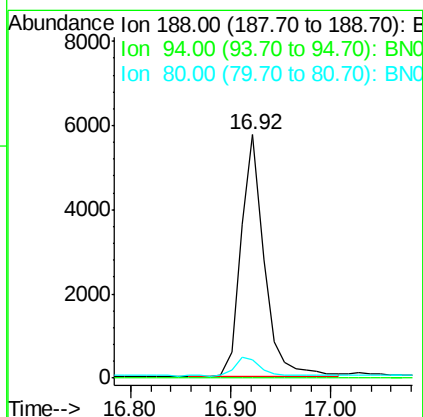
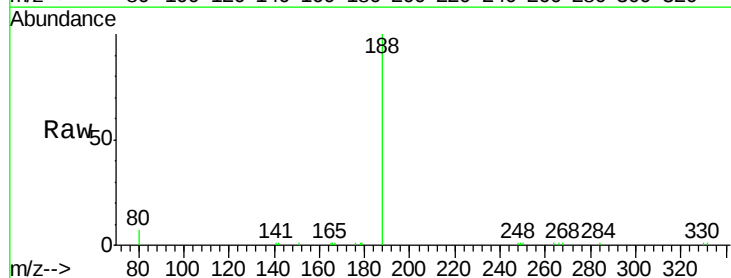
Instrument :
BNA_N
ClientSampled :

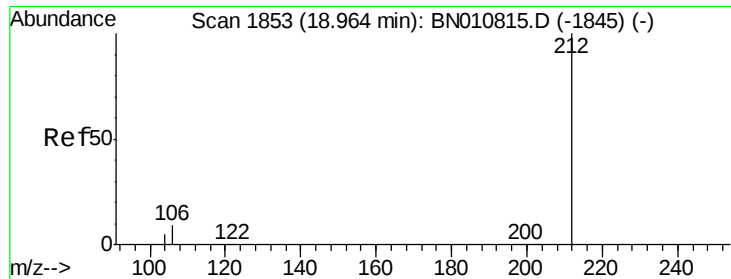
Tot Ion:172 Resp: 7631
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.6 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN010891.D
Acq: 16 Jun 2020 05:00

Tgt Ion:188 Resp: 9177
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 4.5 6.7#





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

Instrument :

BNA_N

ClientSampleId :

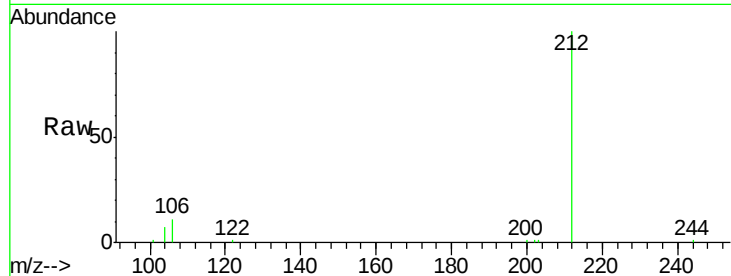
Tot Ion:212 Resp: 9415

Ion Ratio Lower Upper

212 100

106 9.7 6.6 10.0

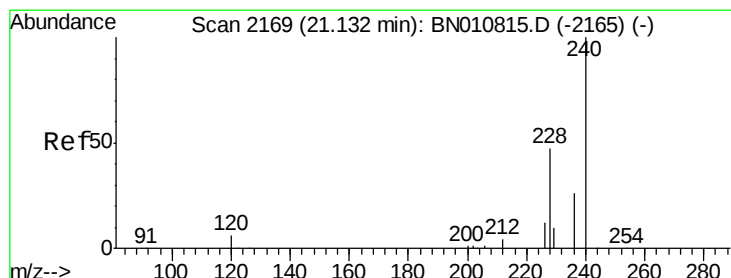
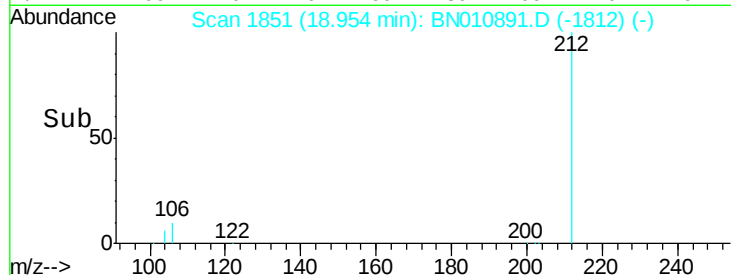
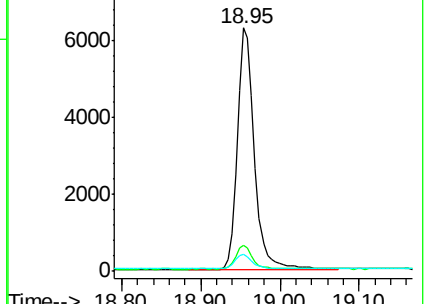
104 5.9 4.0 6.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

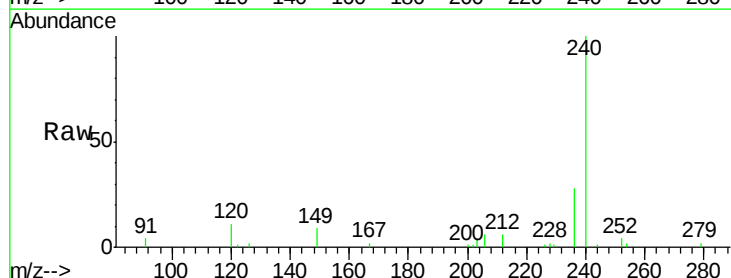
Tgt Ion:240 Resp: 8537

Ion Ratio Lower Upper

240 100

120 11.0 7.5 11.3

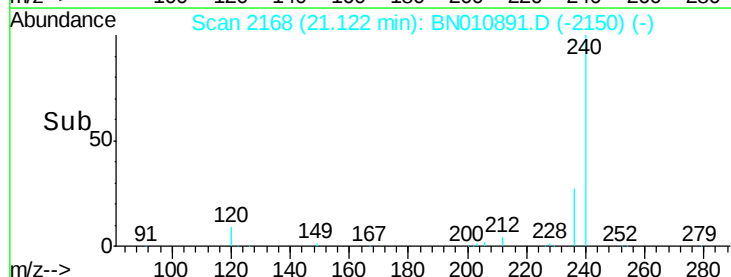
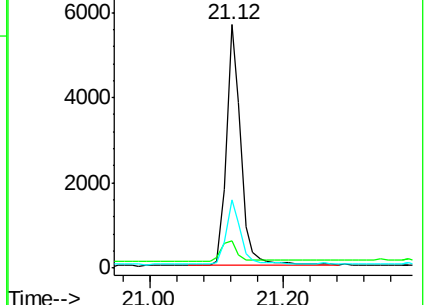
236 28.1 22.3 33.5

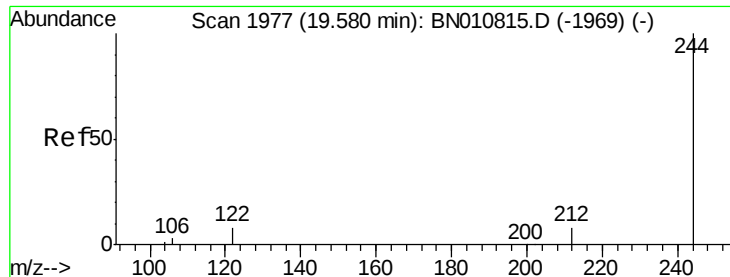


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.487 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

Instrument :

BNA_N

ClientSampled :

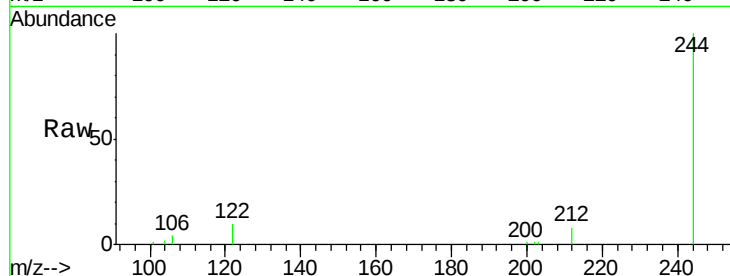
Tot Ion:244 Resp: 9735

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

122 9.6 7.5 11.3

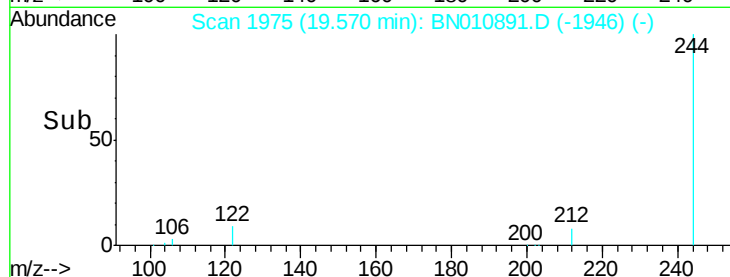


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

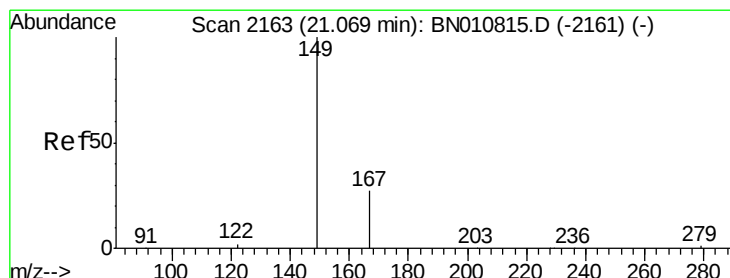
Ion 122.00 (121.70 to 122.70): E

Time-->



19.57

Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.071 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

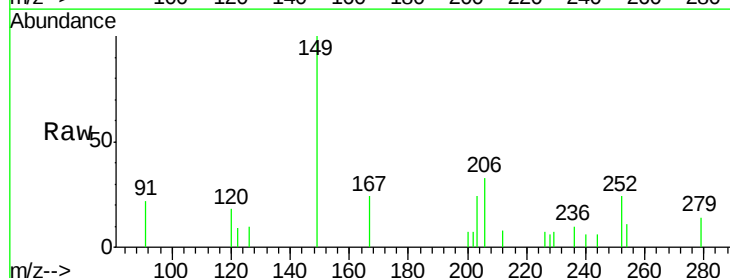
Tgt Ion:149 Resp: 593

Ion Ratio Lower Upper

149 100

167 27.5 24.1 36.1

279 6.9 4.6 7.0

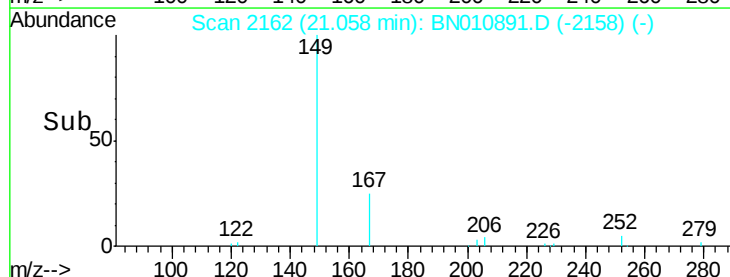


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

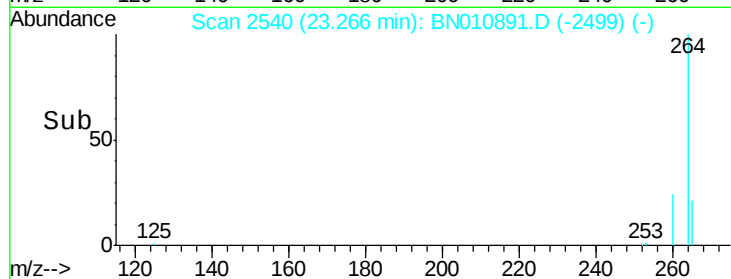
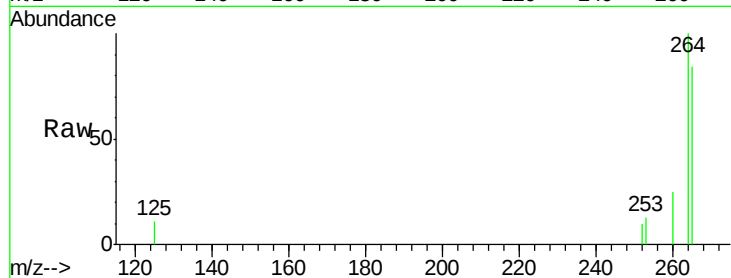
Ion 279.00 (278.70 to 279.70): E

Time-->



21.06

Time-->



#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BN010891.D

Acq: 16 Jun 2020 05:00

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 264 Resp: 8981

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 84.3 75.0 112.4

